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## ANNOTATED CATALOGUE OF THE CRAYFISHES OF KANSAS.

(Abstract.)

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In 1885 Dr. Walter Faxon published\* a "Preliminary Catalogue of the Crayfishes of Kansas." Since our knowledge of Kansas forms is more extensive now than when Doctor Faxon's catalogue appeared, as well as for the convenience of those wishing to study Kansas forms and their distribution, Faxon's publication being somewhat inaccessible, it has been deemed advisable to bring this catalogue up to date. In this abstract the citations of literature, museum numbers, collectors, etc., is omitted, only a list of the species and their distribution, with the briefest notes on their habits, being given.

In 1868, when Doctor Hagen's "Monograph of the North American Astacidae" was finished, no crayfish were reported from Kansas. We now recognize nine species and one variety (?). Of these Doctor Faxon's catalogue reported seven species and one variety. Of the 105 counties in the state, we have reports on the cambarid fauna from only twenty-four.

The following is a list of the species, with their distribution by counties:

1. *Cambarus simulans* Faxon. Barber, Ellis.
2. *C. gracilis* Bundy. A burrowing species, spending most of its time in burrows, which it forms in meadows, etc., often at considerable distance from a body of water. They may be taken at the tops of their burrows at night, when they are doubtless watching for food, during the summer months. In early spring they are to be found in stagnant ponds, etc. Labette, Douglas.
3. *C. baumgartneri* Harris. Found in creeks and sloughs; burrows in fall. Harvey, Sumner.
4. *C. diogenes* Girard. A burrowing species, not often found in open ponds or streams, except in early spring. Douglas, Leavenworth.
5. *C. immunis* Hagen. Very abundant in shallow, stagnant ponds, going into burrows upon the approach of winter or drying up of the water. Ellis, Douglas, Leavenworth.
- 5b. *C. immunis* Hagen, var. *spinostris* Faxon. Shawnee, Douglas.
6. *C. nais* Faxon. Labette, Montgomery.
7. *C. virilis* Hagen. This appears to be the most widely distributed species in our state, being reported from fifteen different counties: Cherokee (?), Decatur, Dickinson, Douglas, Ellis, Finney, Geary (?), Jefferson, Kiowa, Leavenworth, Linn, Riley, Shawnee, Sumner, Wabaunsee.
8. *C. neglectus* Faxon. Wabaunsee, Cheyenne.
9. *C. pelosus* Hay. Mitchell, Russell.

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\*Bulletin Washburn College Lab. Nat. Hist., vol. I, p. 140. 1885.